Linearization of CYC3, A0, A3, AI1, I3, CYC0, CYC1

		Number of integ	Concentration [ng/µl]:		Volume for 4.5	weight needed (	Volume for weight needed (ul)							Experimenter	VJ + JH
Template DNA:	pCYC0	1	706		6.373937677	4500	6.373937677		Enzyme:	NaeI	Buffer :	CutSmart	Incubation time : 60 min		
	pCYC1	1	790		5.696202532	4500	5.696202532								
	pCYC3 (CYC3-38)	6	656		6.859756098	12000	18.29268293								
	A0-31	3	711		6.329113924	13500	18.98734177		Enzyme:	SacI-HF	Buffer :	CutSmart	Incubation time : 60 min		
	A3-10	2	709		6.34696756	9000	12.69393512								
	AI1-30	2	906		4.966887417	9000	9.933774834								
	AI3-33	2	858		5.244755245	9000	10.48951049								
	I3-3	2	456		9.868421053	9000	19.73684211								
	We do not have enough pCYC3, so we will only use 2 ug per integration and 4 for the integration of pCYC3 alone														
			Enzyme	Buffer	DNA	Water	Total			Volume per integration					
	Reaction volume:	pCYC0	1	1	6.373937677	1.626062323	10			10					
		pCYC1	1	1	5.696202532	2.303797468	10			10					
		pCYC3 (CYC3-	1	2.5	18.29268293	3.207317073	25			4.166666667					
		A0-31	1	2.5	18.98734177	2.512658228	25			8.333333333					
		A3-10	1	1.5	12.69393512	-0.1939351199	15			7.5					
		AI1-30	1	1.5	9.933774834	2.566225166	15			7.5					
		AI3-33	1	1.5	10.48951049	2.01048951	15			7.5					
		I3-3	1	2.5	19.73684211	1.763157895	25			12.5					
		pCYC0			1	0									
		pCYC1			1	0									
		pCYC3 (CYC3-38)			1	0									
		A0-31			1	0									
		A3-10			1	0									
		AI1-30			1	0									
		AI3-33			1	0									
		I3-3			1	0									